AEE/SSD/SBR-000102/2019-20 dt 26/03/2020

M. A. R. 57 (Rule 116) No. E 48361

Measurement Book

Serial No. 1st & Final

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency M/s Technical Manager (Test), KRIDL.

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work:	Improvements to Road and drains at Chikkanandra village in Ward No. 12 Shettyhalli Sub-division.					
	Estimated Cost:	Rs 15.00 Lakhs.					
	Job No:	012-19-000032					
	Work Order No:	No. EE/DD/W01/545/2019-20 dt: 01/02/2020.					

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

483680

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
(1) Earthwork Excavation by manual means in ordinary soil involving an average horizontal throw upto 2mts & an average lift upto 0.5m, excavated surface level & sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification with all leads & lifts etc, Complete as per the direction of Engineer-in-charge & the work including conveying the excavated earth silt debries & overburden earth etc. to lead of 0 to 5km distance by using private vehicle, this include the cost of loading & unloading charges etc.,						

M. A. R. 57 (Rule 116) No. E
Measurement Book
483619

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as per the direction & Engineer Incharge & the W Obj Weides page No. 483680 to 483687.					Cubic 2643.60 m3	
						@ Rate of Rs 211.79 = Rs 559888.0	
H.No (2)	plain cement concrete of mix M 30 with opc cement @ 320 kg with Crushed 40mm and down size graded granite metal Coarse aggregate at 0.89 Cum and fine aggregate @ 0.46cm, in foundation						

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶಿಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬಿಬಿಎಂಪಿ
ಪಾಲಿಕೆ ಬೆಂಗಳೂರು ಪುಟ್ಟೇನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all material, labour, Hire curing, form work, scaffolding & centering as per specifications.						
	Qty vide page no. 483687				=	12.60	Mt
					@ Rate of ₹ 5422.90	= ₹	68315.94
(3)	providing laying plain/ Reinforced cement concrete for side drain using 1:1.5:3 nominal mix concrete with OPC @ 300 kg with 20mm & down size granite metal Coarse aggregate @ 0.69 Cum fine aggregate @ 0.43 Cum						

सहायक कार्यपालक अभियंतरु
शेट्टिहळ्ळि उपविभाग-ಡಾಸರಹಳ್ಳಿ ವಲಯ
बृहत् बेंगळूरु महानगर पालिके
एस्.एं. रस्ते. रवीन्द्रनगर. बेंगळूरु.

M. A. R. 57 (Rule 116) No. E 483620
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	machine mixed, well compacted for walls & bottom including Centring, Shuttering cost of materials Hire of machinery, curing etc., Completed excluding cost of steel as per MORTH specification 500, 1700 2200 including cost of materials, labour Hire Completed as per specification Wall & bottom - Thickness 15cm.						
	Rcc drain bottom (11th cross)	1	30.00	1.20	0.15		5.40
	wall	1	11.00	1.20	0.15		1.98
		2	30.00	0.15	0.65		5.85
							2.15

सहायक कार्यपालक अभियंतरु
शेट्टिहळ्ळि उपविभाग-ಡಾಸರಹಳ್ಳಿ ವಲಯ
बृहत् बेंगळूरु महानगर पालिके
एस्.एं. रस्ते. रवीन्द्रनगर. बेंगळूरु.

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
Culvert	1x1	6.80	1.80	0.15	1.84	
	2x1	6.80	0.30	0.65	2.65	
	1x1	7.20	1.80	0.15	1.94	
	2x1	7.20	0.30	0.65	2.87	
	1x1	6.90	1.80	0.15	1.86	
	2x1	6.90	0.30	0.65	2.69	
			Total		29.17 M3	
	Limited to				26.25 M3	
	@ Rate of Rs 7070.20 =				Rs 1855992.75	

Chpk

E.E. (D.D.)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಳಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

M. A. R. 57 (Rule 116)
Measurement Book

No. E 483621

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
(4)	Supplyin, fitthy & placing TMT bar Fe 500 Reinforcement in Substructure Complete as per drawing and Technical Specification Complete as per Specifications. Qty vide pg No. 483688					1.71 MT @ Rate of Rs 72316.38 = Rs 123661.04	
(5)	Supplyin & fixing precast reinforced Concrete slab 10 cm thick of mix M20 using 20mm & down size graded granite metal using Reinforcement- 10						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಳಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
150mm c/c both ways cost transportation, hire charges of machinary machine cutting & the vertical face to get plain even surface etc, Complete with all leads & lift Conveyance charges, labour charges inclusive of cost of all materials.						
Chikkarayudu Reg Room Missing slab	1	41.00	0.90		36.90	
	15	0.90	0.60		8.10	
	19	0.90	0.60		10.26	
	25	0.90	0.60		13.50	
	33	0.90	0.60		17.82	
	12	0.90	0.60		6.48	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 483622

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Chp	11	0.90	0.60		5.94	
		18	0.90	0.60		9.72	
		32	0.90	0.60		17.28	
		5	0.90	0.60		2.70	
					Total	128.70	Kgm.
	E.E. (D.D.)				Limited to	126.00	Kgm
					@ rate of	Rs 2208.00	Rs. 2780.00/-

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಥಾನರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
providing and laying pre cast Drain Cover slabs of 250 mm thick for drain in cement Concrete of 1:2:4 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges Curing and Concrete finished Surfaces both sides etc, Complete and as per drawing & directions of Engineer incharge of work.						
Culvert	1	7.20	1.50		10.80	M2
		Limited to			10.50	Sqm.
@ Rate of Rs					Rs 5241.00 =	55030.50
						1270696.24

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Audited and admitted for Rs. 1474007=00
Passed by Cheque for Rs. 1320724=00
(Rupees Thirteen lakhs Twenty Thousand Seven Hundred Twenty Four only)
153283=00

M. A. R. 57 (Rule 116) No. E 483623

Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
by ac
Name of Contractor/or nature of Agency .....
Date of commencement of work .....
Accounts Superintendent Exe. Engineer

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total	=	1270696.24	
				KRIDL charge 4%	=	50827.85	
				GST 2%	=	25483.55	
				Grand Total	= Rs	1,47,400 7.64	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ಆಫ್ಟ್, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.